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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/662,647

09/13/2003

Ching Hsiang Lee

AFU16

9399

7590  
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03/06/2007

EXAMINER

ZAIDI, SYED

ART UNIT

PAPER NUMBER

2609

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

03/06/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

Application No.

10/662,647

Applicant(s)

LEE, CHING HSIANG

Examiner

Syed Zaidi

Art Unit

2609

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on 13 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

**Priority**

None claimed.

***Information Disclosure Statement***

None filed.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this office action: The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) The invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

**Claims 1, 2, 3 and 4** are rejected under 35 U.S.C. 102(e) as being anticipated by Malkemes et al., (U.S.Pub # 2002/0061024 A1).

**Consider claim 1**, Malkemes et al., discloses and show a single method and apparatus for a wireless (Paragraph 0017) router device comprising: a processor unit (Paragraph 0030 and Fig 2) as shown in fig 2 the gateway logic module 240 contains a processor 208. With respect to figures 2 & 7, gateways 240 and 702 both contain a processor. Further claimed is a wireless transmission circuit coupled to said processor unit (Figure 7). As shown in fig 7 elements 704 include both a receiver and transmitter which teaches transmitting wireless signals to and from said processor unit, as further shown by bidirectional signals 708, and further communicating with various network systems, which are shown as network appliances 706. Further claimed is a 3G transmission circuit (where applicant defines 3G to include WLAN, LAN, CDMA, and wireless communication on his specification at page 1) coupled to said processor unit for transmitting 3G signals to and from said processor unit, and for communicating with 3G systems. **Malkemes et al.**, as shown in fig 7 elements 704 include both a receiver and transmitter which teaches transmitting wireless signals to and from said processor unit, as further shown by bidirectional signals 708, and further communicating with various network systems, which are shown as network appliances 706. The

Malkemes reference discloses (Paragraph 0017) a wireless network.

Network device coupled to said processor unit, for communicating said processor unit with end users (Paragraph 0048), said wireless transmission circuit and said 3G (Paragraph 0034) transmission circuit and said network device being communicatable with each other via said processor unit (Paragraph 0041), to allow end users to couple and share information from the network systems and the 3G systems.

**Consider claim 2, Malkemes et al.,** clearly show and disclose single method and apparatus for a wireless (Paragraph 0048) router device comprising: the wireless router device as claimed in claim 1 further comprising a first antenna (Paragraph 0030 and Fig 2) as shown in fig 2 the gateway logic module 240 contains a processor 208. With respect to figures 2 & 7, gateways 240 and 702 both contain a processor (Paragraph 0044) coupled to said wireless transmission circuit (Paragraph 0041) and a second antenna coupled to said 3G transmission circuit for Malkemes et al., as shown in fig # 7 elements 704 include both a receiver and transmitter which teaches transmitting wireless signals to and from said processor unit, as further shown by bidirectional signals 708, and further

communicating with various network systems, which are shown as network appliances 706 communicating said processor (Paragraph 0030) unit with the network systems and the 3G (Paragraph 0017) systems.

**Malkemes et al.**, shows a first antenna coupled to the gateway processor 702. Antennas 710 are second antennas each coupled to the network for communicating both wirelessly and with 3G devices connected to the network, as shown in figure 7.

**Consider claim 3, Malkemes et al.**, clearly show and disclose single method and apparatus for a wireless router device as claimed in claim 1, wherein said network device includes a plurality of couplers for communicating with various end users as shown in fig 7. With respect to figure elements 704 include both a receiver and transmitter for coupling end users to the network.

**Consider claim 4, Malkemes et al.**, clearly show and disclose single method and apparatus for a wireless router device as claimed in claim 1, the wireless router device as claimed in claim 1 further comprising a second network device coupled to said processor unit. As shown in fig 7

elements 704 shows as a plurality of network devices are connected to the gateway 702 which has been shown to include processor

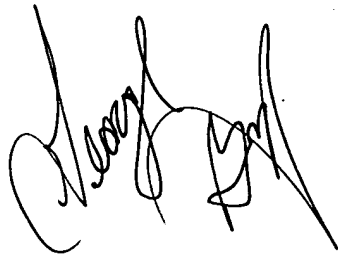
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed Zaidi whose telephone number is 571-274-1779. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rafael Gutierrez can be reached on 571-272-7915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Syed S.Zaidi  
S.S.Z/ssz  
Feb 28<sup>th</sup> 2007

A handwritten signature in black ink, appearing to read 'Syed S. Zaidi', with a stylized flourish at the end.



Application/Control Number: 10/662,647  
Art Unit: 2609

Page 8